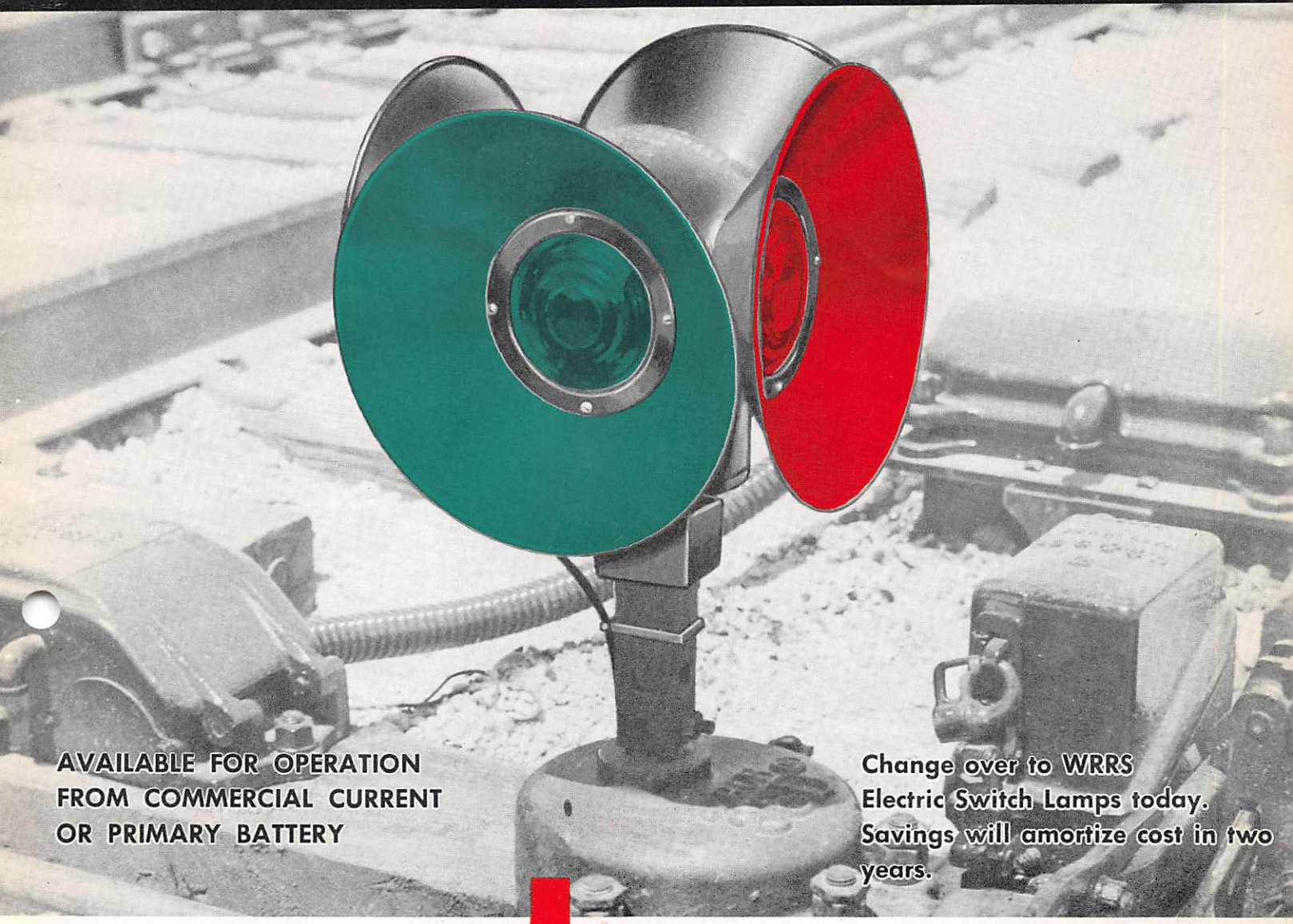
# WRRS

## ELECTRIC SWITCH LAMPS REDUCE SWITCH LIGHTING COSTS 50%



AVAILABLE FOR OPERATION FROM COMMERCIAL CURRENT OR PRIMARY BATTERY

Change over to WRRS Electric Switch Lamps today. Savings will amortize cost in two years.

**MODERNIZE**

**STANDARDIZE**

**ECONOMIZE**

**Here are the reasons scores of railroads are standardizing on WRRS Electric Switch Lamps.**

- Heavy cast iron construction designed to last a lifetime.
- Steady, clear light—400% brighter than oil lamp light.
- Theftproof—no loss of bulbs through theft—can be opened only with AAR, Signal Section, socket wrench.
- Safe—no inflammable kerosene to handle.
- Eliminates chance for error in changing lenses, as red and green lenses are different in size.


**WESTERN RAILROAD SUPPLY COMPANY**

DIVISION OF WESTERN INDUSTRIES, INC.

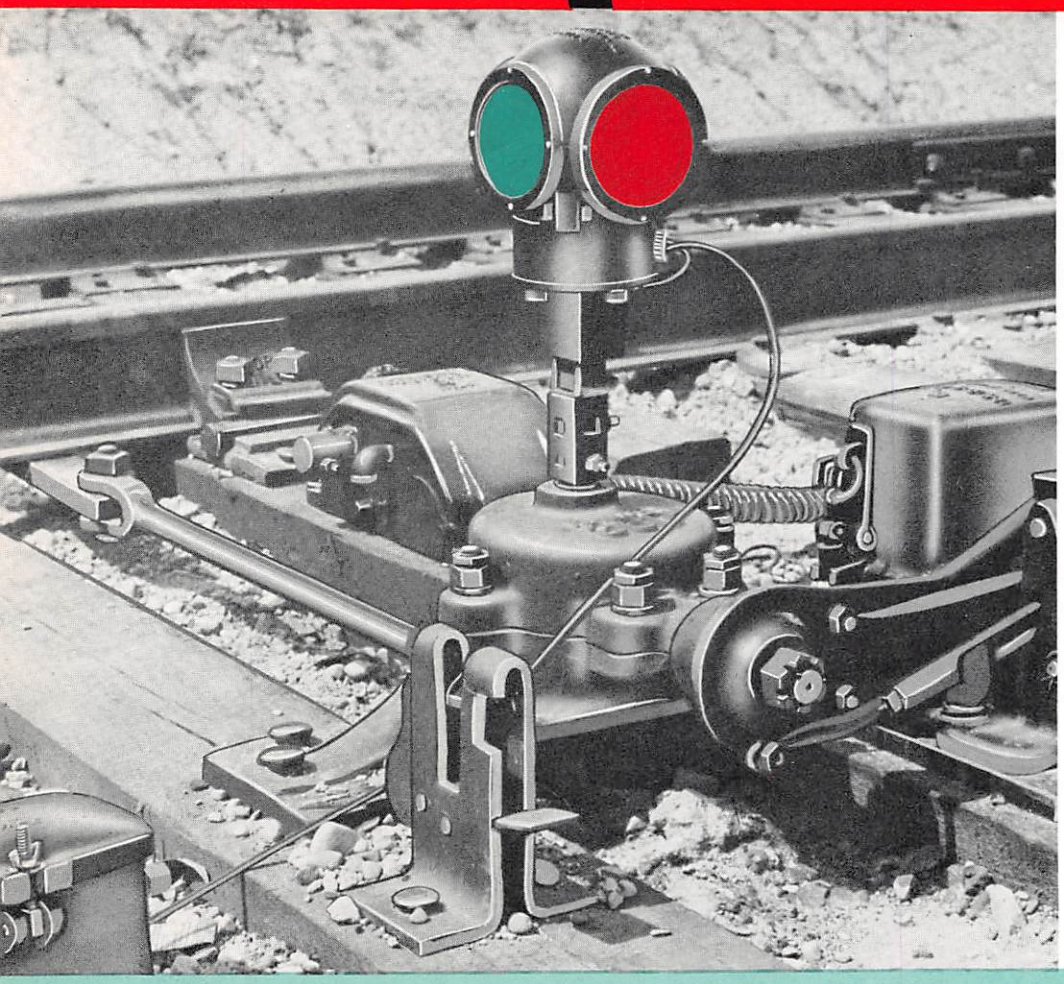
General Offices and Factory

2742 West 36th Place • Chicago 32, Illinois

WRRS Electric Switch Lamps are furnished in three sizes for operation with air-depolarized primary battery or with commercial current.

| | | |
|---|---|---|
| **Type 1870** | 4½" Dia. Red Lenses | 4⅛" Dia. Green Lenses |
| **Type 1876** | 5⅜" Dia. Red Lenses | 5" Dia. Green Lenses |
| **Type 1880** | 5⅜" Dia. Red Lenses | 5⅜" Dia. Green Lenses |

*Yellow or lunar white may be substituted for green, and yellow lenses may be substituted for red.*



WRRS Electric Switch Lamps are regularly fitted with electric type lenses having 5° horizontal and 2½° vertical spread. The light beam from the electric illuminant is thus equivalent to that obtained from an oil flame with the standard optical lenses commonly used in oil lamps.

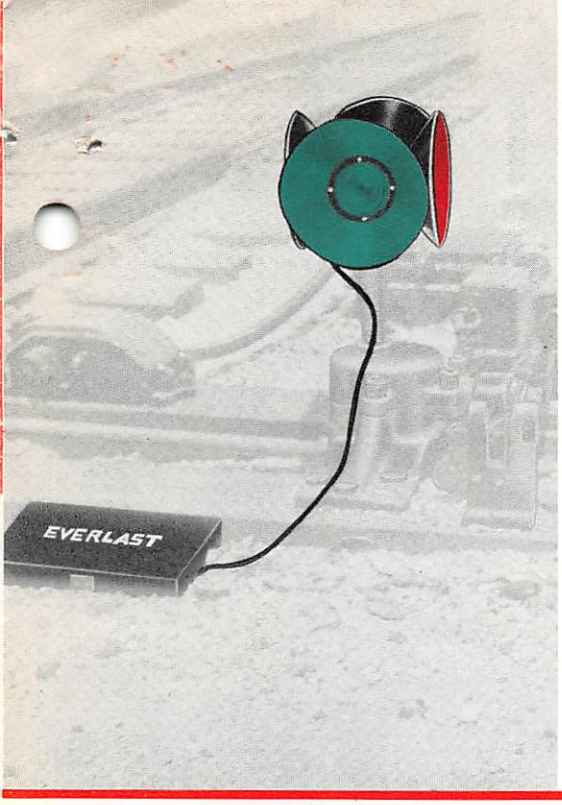
For special locations (at curves and in yards) where a greater width of beam is required the use of lenses having 30° horizontal spread is recommended. Lens are also available 10° up deflection.

## FEATURES (Applicable to all Types)

- Heavy cast iron construction.
- Single contact or double contact bayonet candelabra base or medium screw base receptacle.
- With two or four day-indication targets, as specified.
- With or without stone guards.
- With or without bulbs.
- All lamps equipped with base socket to fit only the lamp tip of the user's switch staff.
- All lamps equipped with theft-resisting screw arrangements to prevent unauthorized opening of lamp or its removal from switch staff.
- Targets are porcelain enamel finish and are also available with Reflex Reflecting Sheet surfaces.

## SWITCH LAMP ADAPTORS ALSO AVAILABLE

WRRS offers a complete line of adaptors for conversion of both old style and new style oil lamps to electric lamps. These adaptors are pictured and described in detail on pages 24, 25, and 26, Section L of WRRS catalog. The use of adaptors has the single advantage of a lower initial cost. However, experience has shown that most old oil lamps converted to electric lamps rust out in less than a year. For this reason, we strongly recommend the purchase of new WRRS Electric Switch Lamps as the best long-term investment.




## WRRS ELECTRIC SWITCH LAMPS
## COMPLETE PACKAGE UNITS FOR OPERATION WITH AIR-DEPOLARIZED PRIMARY BATTERY

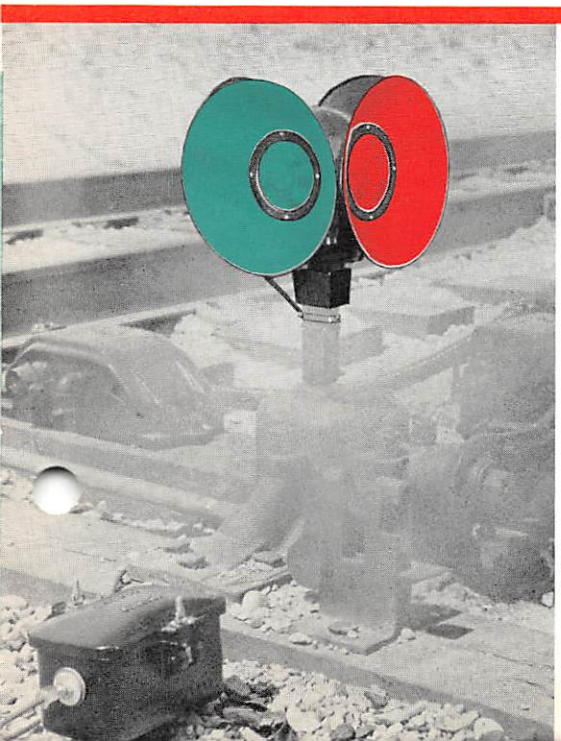
**One WRRS Electric Switch Lamp** complete with lenses and bulb (specify lens sizes and colors—also targets or stone guards, or both, if desired).
**One No. 1245-40P Everlast Battery Box complete:** includes—

a. Battery Box with adjustable wood platform for accommodation of any of the following: two Carbone No. 500 cells, one Edison No. 2SJ1 Carbonaire battery, one Eveready T-2600 or one Eveready CG212.

b. 4 to 15 feet 2-conductor Neoprene covered cable. (as specified)

c. 3 cable clamps, for securing cable to switch stand staff.

**EVERLAST BATTERY** Boxes, introduced by WRRS during 1956, are being used widely for lighting with air-depolarized batteries. Ruggedly built of glass fiber reinforced plastic, Everlast battery boxes are impervious to chemical attack from ballast, resistant to breakage, and permit adequate ventilation while shedding spray, sleet, snow and rain.

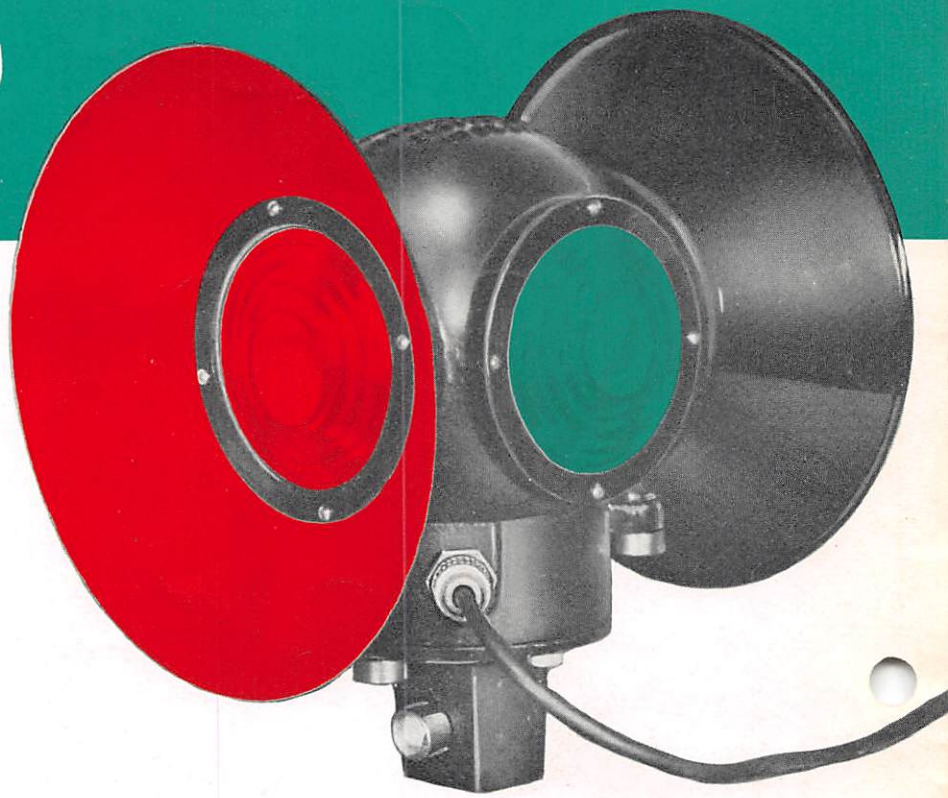


## WRRS ELECTRIC SWITCH LAMPS
## COMPLETE PACKAGE UNITS FOR OPERATION WITH COMMERCIAL CURRENT

**One WRRS Electric Switch Lamp** complete with lenses and bulb. (Specify lens sizes and colors — also targets or stone guards, if desired.)

**One WRRS underground cable terminal** in which transformer is housed, complete with 15 feet of two-conductor Neoprene covered cord and three cord clamps. This transformer will operate 10-volt, 0.3 ampere lamps from 115-volt 60 cycle source. One transformer will handle one, two, three or four lamps.

# Cut Switch Lighting Costs 50% with New WRRS Electric Switch Lamps



**Savings from installation of new WRRS Electric Switch Lamps will pay for the entire cost of changeover in two years.**

● **LOW MAINTENANCE COST**—Your old oil switch lamps require one or two trips weekly for inspection, maintenance, or refilling. Multiply the number of oil switch lamps on your road by 50 to 100 maintenance calls and you come up with a heavy yearly labor cost. Maintenance costs on WRRS Electric Switch Lamps are negligible.

● **BRIGHTER LIGHT**—WRRS Electric Switch Lamps give 400% more light. Furthermore, it is bright, steady light, far superior to the flickering, murky light cast by many oil lamps. No sooty deposits on lenses—no flickering. WRRS lamps cast a bright light straight down the right-of-way, with maximum visibility.

● **NO FIRE HAZARD**—WRRS Electric Switch Lamps eliminate the necessity for handling or storing inflammable kerosene—and do away with the danger of open flames at the switch stand location.

*Fifty-five railroads have replaced some or all of their old oil switch lamps with new WRRS Electric Switch Lamps. The best way to take full advantage of this cost-cutting system is to begin work now on a planned program of regular installations—by districts or divisions, or by yards or terminals.*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